

PENSTOCK series ESA-R-O

For flow regulation

PRODUCT DESCRIPTION

ESEP penstock(sluiice gate) used for surface water, sewers and other aggressive environments. Series ESA-R-O is fitted with a non-rising spindle. Slider and back plate are fabricated out of HDPE, frame and reinforcement bars AISI 316L. EPDM rubber seals in sliding plate and EPDM rubber seal between back plate and wall. The spindle is AISI 316 trapezoid right handed thread Li, pitch 4, 5 or 6 depending on the specific type. Mounting by means of chemical anchors or mould in anchors. Maximal operating pressure of 5 mWC. Optional control by T-key or cranked handle.

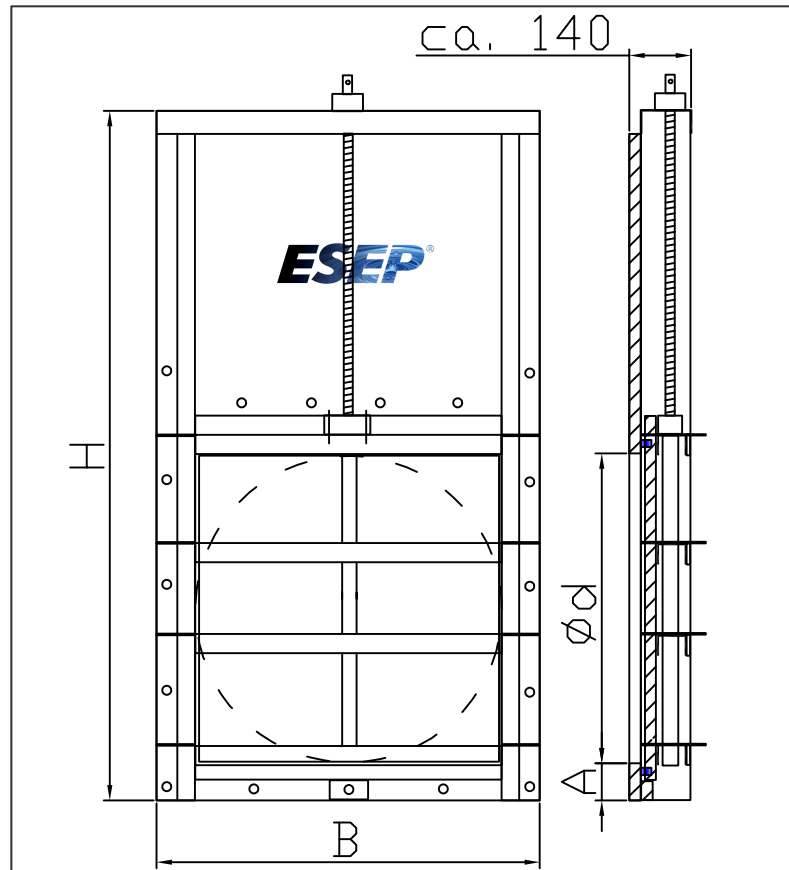
APPLICATIONS

Penstock gates are widely used on surface water, sewers and other aggressive environments where a gate valve is needed

QUALITY

- Sliding- and back plate fabricated out of HDPE
- Frame and reinforcement bars AISI 316L
- EPDM rubber seal in between slider and housing, housing and wall
- Maximal operating pressure of 5mWC
- Maximum leakage allowed in accordance with DIN19569-4 class 3

DRAWING*



SPECIFICATIONS

Type	Ø d*	A*	B	H	Rotations open/closed	Kg.
ESA-R-O 150	150	80	360	560	35	19
ESA-R-O 200	200	80	360	600	45	22
ESA-R-O 250	250	80	410	700	55	26
ESA-R-O 300	300	80	500	765	60	33
ESA-R-O 400	400	90	600	1000	80	44
ESA-R-O 500	500	90	700	1200	100	65
ESA-R-O 600	600	90	800	1400	120	90
ESA-R-O 700	700	90	900	1600	140	111
ESA-R-O 800	800	80	1000	1800	160	141
ESA-R-O 900	900	90	1100	2000	180	175
ESA-R-O 1000	1000	100	1250	2200	145	210

A* = Distance to flow line

Ø d* = Bore diameter

Drawing* = Principal drawing

Other dimensions and special editions on request.